

ASSIGNMENT-3

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```
#include <iostream>
using namespace std;

int main(){
    int s=10;
    int ser[s];
    int r=10;
    int req[r];
    int hash[10];
    for(int z=0;z<10;z++){
        hash[z]=-1;
    }
    cout<<"enter servers:";
    for(int j=0;j<r;j++){
        cin>>ser[j];
    }
    cout<<"enter requests:";
    for(int j=0;j<r;j++){
        cin>>req[j];
    }

    cout<<"\n request to server mapping:";
    for(int k=0;k<r;k++){
        int index=req[k]%10;

        hash[index]=req[k];
    }

    for(int a=0;a<r;a++){
        cout<<hash[a]<<" "<<endl;
    }
    return 0;
}
```

```
enter servers:2 3 1 4 6 7 8 5 9 10
enter requests:24 65 78 98 90 96 90 21 23 22
request to server mapping:90
21
22
23
24
65
96
-1
98
-1
```